

In re application of Arthur O. Volbrecht

Cleveland, Ohio  
December 22, 1989

Serial No. 07/325,690

F. MAIL ROOM  
DEC 27 1989  
March 20, 198951  
PAT. & TRADEMARK OFF.  
TEMPERATURE SENSING DEVICE AND METHOD  
OF MAKING SAMETHE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:


(Col. 1)		(Col. 2)		(Col. 3)	Small Entity		OR	Other Than a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addl. Fee		Rate	Addl. Fee
Total	*	Minus	**	=	x6=	\$		x12=	\$
Indep.	*	Minus	***	=	x18=	\$		x36=	\$
First Presentation of Multiple Dep. Claim					+60=	\$		+120=	\$
Late Filing of Declaration					+60=	\$		+120=	\$
					Total	\$		Total	\$
					Addl. Fee	\$	OR		

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment, or the number of claims originally filed.

- ☐ Please charge my Deposit Account No. 13-1070 in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$\_\_\_\_\_ is attached.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-1070. A duplicate copy of this sheet is attached.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

RENNER, OTTO, BOISSELLE & SKLAR  
One Public Square  
Twelfth Floor  
Cleveland, Ohio 44113  
216/621-1113

  
Donald L. Otto  
Registration No. 22,125



#8/B  
DKadund  
1-17-98  
D. Kaalund  
1-17-98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Cleveland, Ohio

Applicant: Arthur O. Volbrecht

December 22, 1989

Appln. No.: 07/325,690

Filed: March 20, 1989

For: TEMPERATURE SENSING DEVICE AND  
METHOD OF MAKING SAME

Examiner: Daniel M. Yasich

Art Unit: 246

RECEIVED  
JAN 10 PM 11:15  
GROUP 246

AMENDMENT

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Official Action dated October 2, 1989, please amend the  
above-identified application as follows:

In the Claims:

Please cancel claims 1-15 and 28-35 without prejudice and substitute therefor

the following new claims:

36. A temperature sensing device comprising a pair of continuous flexible  
electrically conductive wires covered by a flexible insulation material, said wires having  
end portions at one end that are free of said flexible insulation material, a preformed  
cylindrical member made of unfired compactible mineral insulation material having a  
pair of parallel passages extending therethrough for receipt of said end portions of said  
wires, temperature sensing means at said end portions exteriorly of said preformed  
cylindrical member, a one-piece metal tube covering said mineral insulation material,  
said free end portions of said wires, and said temperature sensing means, said metal tube  
having an initial size to permit insertion over said preformed cylindrical member of  
mineral insulation material and being compressed to a smaller diameter thereby to

I hereby certify that this correspondence is being deposited with  
the United States Postal Service as first class mail in an envelope  
addressed to: Commissioner of Patents and Trademarks,  
Washington, D. C. 20231

Attorney

Date

-1-